



# MAY 2004 ENGINEERING AND RELATED SERVICES SOLICITATION

CONCLUDED: MAY 12, 2004

A = Estimated Consultant Contract cost < \$100,000  
 B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000  
 C = Local Unit of Government Selects Consultant  
 D = Estimated Consultant Contract cost > \$1,000,000

\*\* Open to All Firms

Tied on one contract

Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
<b>DISTRICT 1</b>									
D1 1A	<a href="#">2004-01-11**</a>	N/A	1-Jun-04	1-Jul-04	30-Jun-05	No	No	Rosanne Meer	(608)246-5442
D1 1B	<a href="#">2004-01-12**</a>	N/A	1-Jun-04	1-Jul-04	30-Jun-06	No	No	Adam Clayton	(608)242-8009
<b>DISTRICT 3</b>									
D3 1B	<a href="#">4984-01-12</a> \$	10,700,000	Jun-04	Aug-04	Jan-08	Yes	No	Tom Kobus	(920) 492-0143
D3 1A	<a href="#">4984-01-12**</a> \$	10,700,000	Jun-04	Aug-04	Jan-08	No	No	Tom Kobus	(920) 492-0143
D3 2A	<a href="#">4984-01-12**</a> \$	10,700,000	Jun-04	Aug-04	Jan-08	No	No	Kim Rudat	(920) 492-5743
<b>DISTRICT 5</b>									
D5 1C	<a href="#">5379-05-00</a> \$	253,000	24-May-04	1-Jul-04	30-Jun-06	No	Yes	Virgil Hanold	(608) 637-5452
D5 2C	<a href="#">5478-10-00</a> \$	225,000	24-May-04	1-Jul-04	30-Jun-06	No	Yes	Virgil Hanold	(608) 637-5452
D5 3C	<a href="#">5536-03-00</a> \$	217,000	24-May-04	1-Jul-04	30-Jun-06	No	Yes	Virgil Hanold	(608) 637-5452
D5 4C	<a href="#">5535-07-00</a> \$	253,000	24-May-04	1-Jul-04	30-Jun-06	No	Yes	Virgil Hanold	(608) 637-5452
<b>DISTRICT 6</b>									
D6 1A	<a href="#">7090-00-01</a> \$	750,000	1-Jun-04	1-Jun-04	1-Aug-06	No	No	Rick Shermo	(715) 836-2399
D6 1B	<a href="#">1009-60-35</a>	N/A	1-Jun-04	1-Jun-04	1-Jul-06	No	No	Greg Helgeson	(715) 836-2980
D6 1B	<a href="#">1009-60-36</a>	N/A	1-Jun-04	1-Jun-04	1-Jul-06	No	No	Greg Helgeson	(715) 836-2980
D6 2B	<a href="#">7091-03-01</a> \$	4,500,000	1-Jun-04	1-Jun-04	1-Aug-06	Yes	No	Rick Shermo	(715) 836-2399
<b>DISTRICT 7</b>									
D7 1A	<a href="#">9305-07-31</a> \$	475,000	28-May-04	15-Aug-04	1-Feb-05	No	No	Robin Stafford	(715) 365-5750
D7 2A	<a href="#">1170-16-30</a> \$	1,200,000	15-Jun-04	15-Sep-04	1-May-05	Yes	No	Robin Stafford	(715) 365-5750
D7 3A	<a href="#">9304-10-30</a> \$	724,000	15-Jun-04	15-Sep-04	1-Aug-05	No	No	Robin Stafford	(715) 365-5750
D7 1B	<a href="#">9090-03-30</a> \$	1,750,000	15-Jun-04	15-Sep-04	1-Aug-06	Yes	No	Robin Stafford	(715) 365-5750
<b>DISTRICT 8</b>									
D8 1C	<a href="#">8429-10-00</a> \$	150,000	1-Jun-04	2-Aug-04	1-Jan-06	No	Yes	Richard Brand	715-532-2633
D8 2C	<a href="#">8433-09-00</a> \$	85,000	1-Jun-04	2-Aug-04	1-Jan-06	No	Yes	Richard Brand	715-532-2633
D8 3C	<a href="#">8343-04-00</a> \$	300,000	1-Jun-04	2-Aug-04	1-Jan-06	No	Yes	Myron Anderson	715-372-4787
								Andy Stensland	715-392-7963
<b>BUREAU OF HIGHWAY CONSTRUCTION</b>									
BHC 1A	<a href="#">1009-03-95**</a> \$	50,000	1-Jun-04	1-Jul-04	1-Oct-04		No	Tim Stoikes	(608) 246-7943
<b>BUREAU OF PLANNING</b>									
BOP 1A	<a href="#">0400-42-11**</a>	N/A	25-May-04	21-Jun-04	22-Oct-04	No	No	Tom Huber	608-267-7757



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 1

#### Scope of Service Narratives:

#### **D1 1A Open to all Consultants – use Consultant Solicitation Open to All Firms NOI**

**Project ID: 2004-01-11**

Historical Specialty Master Contract

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for a consultant to manage a Historical Specialty Master Contract who has:

- Experience preparing Section 106 documentation, including Section 106 Review Forms, public involvement documentation, conducting and documenting reconnaissance surveys, preparing Determinations of Eligibility, No Adverse Documents, Documents for Consultation, Memoranda of Agreement and archival documentation
- Academic training in history, historic preservation, architectural history, or related field and meets the standards required by the Advisory Council on Historic Preservation.
- Familiarity with the WisDOT procedures concerning historic preservation and documentation.

For more information contact Rosanne M. Meer at (608) 246-5442 or at [rosanne.meer@dot.state.wi.us](mailto:rosanne.meer@dot.state.wi.us).

#### **D1 1B Open to all Consultants – use Consultant Solicitation Open to All Firms NOI**

**Project ID: 2004-01-12**

Corridor Management Services Specialty Master Contract

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for a consultant to manage a specialty master contact for Intelligent Transportation System (ITS)/Traffic and corridor planning services. The contract is to start in July 2004 to assist the District Systems Planning and Operations business area. This specialty master contact will be for \$400,000.

Proposed activities/tasks for this specialty master contact are:

- Design ITS elements into traditional roadway projects
- Create ITS Project Architectures to meet FHWA Architecture requirements
- Assist in the review, update, and follow through of a Regional Architecture



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 1 (cont.)

- Identify space requirements for various activities related to day-to-day operations of transportation systems
- Assist the Department in developing Request for Proposals for various ITS projects
- Assist the Department in developing Request for Proposals for Public/Private Partnerships
- Create traffic simulation models (ex. CORSIM, SYNCHRO, VISSIM, PARAMICS)
- Teach training class(es) on the use of (ex. CORSIM, SYNCHRO, VISSIM, PARAMICS)
- Review and evaluate Traffic Impact Analysis (TIAs) performed by others
- Perform traffic turning movement count data collection studies
- Perform spot speed data collection studies
- Develop signals timing plans
- Develop signal-timing plans for closed loop systems
- Design traffic signals (may include: plan sheet, operation sheet, estimated quantities sheet, special provisions, estimated project costs)
- Perform traffic studies (ex. signal warrant analysis, multi-way stop warrant analysis, crash analysis)
- Provide GIS support
- Provide access control platting and inventory services
- Convert existing access data into new database
- Enter data into access database
- Provide incident management related support
- Provide incident management related training
- Provide engineering, planning, and administrative services for special studies

For more information, contact Adam Clayton at (608) 242-8009.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 3

#### Scope of Service Narratives:

##### D3 1B

##### **Project ID: 4984-01-12**

College Avenue, City of Appleton  
Drew Street – Matthias Street  
Outagamie County

The department is soliciting for design engineering services to reconstruct of a portion of College Avenue, between Drew and Matthias Street in the City of Appleton. The scope of this project will include the design of a four lane urban section; development of preliminary bridge concepts and structure report for the College Avenue Bridge, public involvement, agency coordination, and right-of-way plat. The WisDOT bridge section will design the bridge. The consultant will work with the WisDOT bridge section; the environmental consultant and public relations firm that are selected under solicitations D3 1A and D3 2A to deliver the project. A contract for preliminary engineering will be executed with the selected firm. The department may or may not contract with the selected firm for final project design. A short interview process may be used to select the consultant for this project.

For more information contact, Tom Kobus at (920) 492-0143.

##### **D3 1A Open to all Consultants – use Consultant Solicitation Open to All Firms NOI**

##### **Project ID: 4984-01-12**

College Avenue, City of Appleton  
Drew Street – Matthias Street  
Outagamie County

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for environmental engineering services for the reconstruction of a portion of College Avenue, between Drew and Matthias Street in the City of Appleton. The scope of this project will include the preparation of an Environmental Assessment for the design of a four lane urban section and the College Avenue Bridge, public involvement, agency coordination. The consultant will work with WisDOT Bridge Section; the roadway design consultant and public relations consultant that are selected under solicitations D3 1B and D3 2A to deliver the project. A short interview process may be used to select the consultant for this project.

For more information contact, Tom Kobus at (920) 492-0143.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 3 (CONT.)

#### **D3 2A Open to all Consultants – use Consultant Solicitation Open to All Firms NOI**

**Project ID: 4984-01-12**

College Avenue, City of Appleton  
Drew Street – Matthias Street  
Outagamie County

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for public relations services for the reconstruction of a portion of College Avenue, between Drew and Matthias Street in the City of Appleton. The scope of this project will include the implementation of the public relations plan developed for the design of a four lane urban section and the College Avenue Bridge. The consultant will work with WisDOT bridge section; the roadway design consultant and environmental consultant that are selected under solicitations D3 1B and D3 1A to deliver the project. A short interview process may be used to select the consultant for this project.

For more information contact, Kim Rudat at (920) 492-5743.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 5

#### Scope of Service Narratives:

##### **D5 1C use local NOI for this project**

**Project ID: 5379-05-00**

STH 71 – CTH V

(Warner Creek Bridge & Approaches)

CTH P

Vernon County

#### **Project Scope:**

The project scope is a full service design contract for the bridge replacement and necessary approaches of existing bridge P-62-0099 in Section 31, Town 14 North, Range 01 West. The bridge will be replaced on a shifted alignment to correct horizontal deficiencies. During construction, the road will remain open to traffic through the use of a temporary bypass. A right-of-way plat with temporary interests is anticipated for the construction of the temporary bypass. Construction is scheduled for 2006.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, temporary bypass design, structure design, subsurface investigations, hazardous materials investigation, Type III pER environmental document, flexible pavement design, design study report, agency and utility coordination, hydraulics and hydrology reports, roadway drainage design, public involvement, survey, traffic control, plan preparation for the roadway, temporary bypass, and structure, quantities and estimate, and special provisions for the roadway and structure.

##### **D5 2C use local NOI for this project**

**Project ID: 5478-10-00**

STH 131 - Valley

(Warner Creek Bridge & Approaches)

CTH KK

Vernon County

#### **Project Scope:**

The project scope is a full service design contract for the bridge replacement and necessary approaches of existing bridge P-62-0152 in Section 35, Town 14 North, Range 02 West. The bridge will be replaced on existing alignment. During construction, the road will remain open to traffic through the use of a temporary bypass. A right-of-way plat with temporary interests is anticipated for the construction of the temporary bypass. Construction is scheduled for 2006.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, temporary bypass design, structure design, subsurface investigations, hazardous materials investigation, Type III pER environmental document, flexible pavement design, design study report, agency and utility coordination, hydraulics and hydrology reports, roadway drainage design, public involvement, survey, traffic control, plan preparation for the roadway, temporary bypass, and structure, quantities and estimate, and special provisions for the roadway and structure.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 5 (CONT.)

#### **D5 3C use local NOI for this project**

**Project ID: 5536-03-00**

CTH N – USH 14

(Branch of South Fork Bad Axe River Bridge & Approaches)

CTH NN

Vernon County

#### **Project Scope:**

The project scope is a full service design contract for the bridge replacement and necessary approaches of existing bridge P-62-0295 in Section 20, Town 12 North, Range 05 West. The bridge will be replaced on existing alignment. During construction, the road will remain open to traffic through the use of a temporary bypass. A right-of-way plat with temporary interests is anticipated for the construction of the temporary bypass. Construction is scheduled for 2006.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, temporary bypass design, structure design, subsurface investigations, hazardous materials investigation, Type III pER environmental document, flexible pavement design, design study report, agency and utility coordination, hydraulics and hydrology reports, roadway drainage design, public involvement, survey, traffic control, plan preparation for the roadway, temporary bypass, and structure, quantities and estimate, and special provisions for the roadway and structure.

#### **D5 4C use local NOI for this project**

**Project ID: 5535-07-00**

CTH KK – CTH B

(Branch North Fork Bad Axe River Bridge & Approaches)

CTH NN

Vernon County

#### **Project Scope:**

The project scope is a full service design contract for the bridge replacement and necessary approaches of existing bridge P-62-0230 in Section 03, Town 13 North, Range 05 West. The bridge will be replaced on existing alignment. During construction, the road will remain open to traffic through the use of a temporary bypass. A right-of-way plat with temporary interests is anticipated for the construction of the temporary bypass. Construction is scheduled for 2006.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, temporary bypass design, structure design, subsurface investigations, hazardous materials investigation, Type III pER environmental document, flexible pavement design, design study report, agency and utility coordination, hydraulics and hydrology reports, roadway drainage design, public involvement, survey, traffic control, plan preparation for the roadway, temporary bypass, and structure, quantities and estimate, and special provisions for the roadway and structure.

For more information about D5 1C, D5 2C, D5 3C, and D5 4C, contact Virgil Hanold, Vernon County Highway Commissioner at (608) 637-5452.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 6

#### Scope of Service Narratives:

##### D6 1A

##### **Project ID: 7090-00-01**

Eau Claire, Clairemont Avenue  
Chippewa River-USH 53  
Bike / Pedestrian Trail  
Eau Claire County

#### **Proposed Improvement:**

The proposed project will consist of constructing a 3.2 mile paved bike / pedestrian path extending along USH 12 from USH 53 to the Chippewa River. Work will include modifying a roadway bridge structure and pedestrian underpass to accommodate the addition of the path in this highly developed highway corridor. The construction project (ID 7090-00-71) resulting from this design project (ID 7090-00-01) is tied to adjacent USH 12 construction projects (ID 7090-04-74 and ID 7091-03-70).

#### **Scope of Services:**

Full service design, including bid documents. Anticipated contract completion is August 1, 2006.

For more information, contact Rick Shermo at (715) 836-2399.

##### D6 1B

##### **Project ID: 1009-60-35, 1009-60-36**

Traffic Engineering Master Contracts  
District wide

#### **Scope of Services:**

Transportation District 6 is soliciting for 2 specialty Master Contracts for traffic engineering services. The contracts would begin in the summer of 2004 and the last work order would be issued before June 30, 2005, with completion of all work orders by June 30, 2006.

Proposed activities/tasks for these traffic engineering services contracts are:

Traffic signal studies, design, plan, and PS&E preparation for intersections/interchanges. Traffic signal system computer analysis, simulation, and/or optimization for interconnected signals, utilizing CORSIM, PASSER, TRANSYT or similar models. Development of signal timing plans and various phasing alternatives. Highway Capacity Analysis, with emphasis on intersections, ramps, auxiliary lanes, and roundabouts. Crash Analysis and Safety Studies, including preparation of collision diagrams, Hazard Elimination Safety (HES) proposals, and recommended improvements. Street lighting studies, design, plan, and PS&E preparation. Signing (permanent) and pavement marking PS&E preparation. Review and/or development of Traffic Impact Analysis reports. Conduct intersection traffic counts and speed studies.

For more information contact, Greg Helgeson at (715) 836-2980.





## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 6 (cont.)

#### D6 2B

#### **Project ID: 7091-03-01**

City of Eau Claire, Clairemont Avenue  
Craig Road-USH 53  
USH 12  
Eau Claire County

#### **Proposed Improvement:**

The proposed project consists of concrete base patching and placing a 4.5 inch warranted asphalt pavement over PCC pavement. Work will also include curb and gutter replacement, intersection modifications, upgrades to street lighting and traffic signal systems, redecking of structure B-18-0076, and rehabilitation of pedestrian underpass C-18-0018. The construction projects (ID 7091-03-70 and ID 7090-04-74) resulting from this design project (ID 7091-03-01) is tied to Clairemont Avenue bike / pedestrian train construction project (ID 7090-00-71).

#### **Scope of Services:**

Full service design, including bid documents. Anticipated contract completion is August 1, 2006.

For more information, contact Rick Shermo at (715) 836-2399.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 7

#### Scope of Service Narratives:

**D7 1A**

**Project ID: 9305-07-31**

To: **DAVID VIETH**

FROM: **DTD-7**

#### CONCEPT DEFINITION REPORT

- I. DESIGN ID: **9305-07-31** Related ID(s): **9305-07-61 Constr.**  
HIGHWAY.: **STH 107** Counties: **LINCOLN**  
Title: **MERRILL - TOMAHAWK** Length of Project: **8.24 Miles**  
Limits: **TAYLOR STREET- WILDERNESS ROAD**  
Functional Class: **Major Collector** Current ADT: **460-1900 (2001)**  
Location: **The project is located in central Lincoln County.**  
ROADWAY CONDITIONS:

PAVEMENT	Type: <b>ACPM/FB</b>	Width: <b>22' &amp; 24'</b>	Year: <b>88-91</b>
	IRI: <b>3.2 mm/m</b>	PDI: <b>64</b>	
SHOULDERS	Type: <b>Rural = CABC &amp; ASPH</b>	Width: <b>6' TOTAL- Incl 3' ASPH</b> <b>2' TOTAL</b>	
CRASH DATA	Crash Rate: <b>500Crashes</b> <b>100 MVM<sup>1</sup></b>	Year: <b>2000-02</b>	
IMPROVEMENT FLAGS	From RP:	To RP:	
	From RP:	To RP:	
SUBSTANDARD ALIGN.	Horizontal: <b>None</b>	Vertical: <b>None</b>	

#### STRUCTURE

Structure No.:	Existing Facility:
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JUSTIFICATION:	<b>The pavement is starting to show extensive cracking.</b>
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- II. PROPOSED IMPROVEMENT: **Description:** The scope of this project is to place a thin overlay (1.75") over the existing pavement. Replace all traffic signs as determined by Operations. Design must follow the guidelines of Federal Funds for Preventive Maintenance (PM).

Environmental Documentation Type: **Programmatic Environmental Report (2-pER)**

Improvement Type: **ROADWAY MAINTENANCE (RDMTN)**

Leg. Subprogram: **STATE HIGHWAY REHABILITATION, (303)**

WisDOT Program: **STATE 3R**

Cost:

Program Year: **2006**

Local Participation:

Access Control: **No**

Real Estate: **No**

R/E Cost: **None**

National Highway System: **No**

Exempt from FHWA Oversight: **YES<sup>2</sup>**

Railroad Crossing: **NONE**

Project Supervisor: <b>Robin Stafford P.E.</b>	Recommended Acceptance: <b>Joseph C Benbenek</b> DTD -7 PLANNING ENGINEER
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For more information, contact Robin Stafford at (715) 365-5750.

<sup>1</sup> Crash rate computed from METAManger; no deer

<sup>2</sup> See FDM 5-5-15, Table 1



# MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

## TRANSPORTATION DISTRICT 7 (cont.)

### D7 2A

**Project ID: 1170-16-30**

To: **RONALD NOHR**

FROM: **DTD-7**

### CONCEPT DEFINITION REPORT

- I. DESIGN ID: **1170-16-30** Related ID(s): **1170-16-60 Constr.**  
 HIGHWAY.: **USH 51** County: **Lincoln & Oneida**  
 Title: **TOMAHAWK -CTH K** Length of Project: **7.80 mi**  
 Limits: **USH 8 –CTH K** Current ADT: **5200-6800 (2000)**  
 Functional Class: **Principal Arterial**  
 Location: **The project is located in north-central Lincoln County and south central Oneida County.**

#### County. ROADWAY CONDITIONS:

PAVEMENT	Type: <b>JPCP /D<sup>3</sup></b>	Width: <b>24'</b>	Year: <b>1992</b>
	IRI: <b>1.0 mm/m</b>	PDI: <b>40</b>	
SHOULDERS	Type: <b>JPCP /D &amp; CABC</b>	Width: <b>10' TOTAL incl. 3' paved</b>	
CRASH DATA	Crash Rate: <b>70 Crashes</b> <b>100 MVM<sup>4</sup></b>	Year: <b>2000-02</b>	
IMPROVEMENT FLAGS	From RP:	To RP:	
	From RP:	To RP:	
SUBSTANDARD ALIGN.	Horizontal: <b>None</b>	Vertical: <b>None</b>	

#### STRUCTURE:

Structure No.:	Existing Facility:
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JUSTIFICATION:	<b>The 1992 concrete pavement has extensive longitudinal cracking that requires maintenance to preserve the pavement structure.</b>
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- II. PROPOSED IMPROVEMENT: Description: **Work on this project may include, however not limited to the following; Concrete Partial and Full depth joint repair, Concrete Partial and full depth crack repair, Concrete Pavement partial and full depth surface repair. Due to the extensive amount of repairs, traffic shall be detoured. The District 7 Pavement Design Engineer may continue to evaluate this pavement due to the accelerated amount of pavement. Design must follow the guidelines of Federal Funds for Preventive Maintenance (PM).**

Environmental Documentation Type: **Programmatic Environmental Report (2-pER)**

Improvement Type: **ROADWAY MAINTENANCE (RDMTN)**

Leg. Subprogram: **STATE HIGHWAY REHABILITATION, (303)**

WisDOT Program: **STATE 3R**

Cost:

Program Year: **2006**

Local Participation: **No**

Access Control: **No**

Real Estate: **No**

R/E Cost: **None**

National Highway System: **Yes**

Exempt from FHWA Oversight: **YES<sup>5</sup>**

Railroad Crossing: **NONE**

Project Supervisor: <b>Robin Stafford P.E.</b>	Recommended Acceptance: <u>Joseph C Benbenek</u> DTD –7 PLANNING ENGINEER
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For more information, contact Robin Stafford at (715) 365-5750.

<sup>3</sup> Jointed Plain Concrete Pavement With Dowels

<sup>4</sup> Crash rate computed from METAManger; no deer

<sup>5</sup> See FDM 5-5-15, Table 1



# MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

## TRANSPORTATION DISTRICT 7 (cont.)

### D7 3A

**Project ID: 9304-10-30**

To: **DAVID VIETH**

FROM: **DTD-7**

### CONCEPT DEFINITION REPORT

I. DESIGN ID: **9304-10-30** Related ID(s): **9304-10-60 Constr.**  
HIGHWAY.: **STH 101** County: **FLORENCE**  
Title: **Fence – STH 70** Length of Project: **8.68 Miles**  
Limits: **Sumac Road- STH 70** Current ADT: **2200-4600 (1999)**  
Functional Class: **Major Collector**  
Location: **The project is located in north central Florence County. The project will begin near the Sumac Road intersection (Construction Joint) and proceed north to the STH 70 intersection, between RP's; 019 0.62 - 032D 0.00.**  
ROADWAY CONDITIONS:

PAVEMENT	Type: <b>ACPM/FB</b>	Width: <b>22' &amp; 24'</b>	Year: <b>1989,97,91</b>
	IRI: <b>1.20 mm/m</b>	PDI: <b>40</b>	
SHOULDERS	Type: <b>Rural = Asph &amp; CABC</b>	Width:	
		<b>6' TOTAL incl. 3' ASPH</b>	
CRASH DATA	Crash Rate: <b>106Crashes</b> <b>100 MVM<sup>6</sup></b>	Year: <b>2000-02</b>	
IMPROVEMENT FLAGS	From RP:	To RP:	
	From RP:	To RP:	
SUBSTANDARD ALIGN.	Horizontal: <b>None</b>	Vertical: <b>None</b>	

### STRUCTURE:

	Existing Facility:
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JUSTIFICATION:	<b>Pavement starting to show extensive cracking, especially on the south and north end.</b>
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- II. PROPOSED IMPROVEMENT: **Description:** The scope of this project is to place a thin overlay, includes adding 3' paved shoulders on the southern 1.2 miles and the northern 4.2 miles. Replace all traffic signs as determined by Operations. Investigate culverts for replacement. Design must follow the guidelines of Federal Funds for Preventive Maintenance (PM).

Environmental Documentation Type: **Programmatic Environmental Report (2-pER)**

Improvement Type: **ROADWAY MAINTENANCE (RDMTN)**

Leg. Subprogram: **STATE HIGHWAY REHABILITATION, (303)**

WisDOT Program: **STATE 3R**

Cost:

Program Year: **2006**

Local Participation: **No**

Access Control: **No**

Real Estate: **No**

R/E Cost: **None**

National Highway System: **No**

Exempt from FHWA Oversight: **YES<sup>7</sup>**

Railroad Crossing: **NONE**

Project Supervisor: <b>Robin Stafford P.E.</b>	Recommended Acceptance: <b>Joseph C Benbenek</b> DTD -7 PLANNING ENGINEER
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For more information, contact Robin Stafford at (715) 365-5750.

<sup>6</sup> Crash rate computed from METAManager; no deer

<sup>7</sup> See FDM 5-5-15, Table 1



# MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

## TRANSPORTATION DISTRICT 7 (cont.)

### D7 1B

**Project ID: 9090-03-30**

To: **DAVID VIETH**

FROM: **DTD-7**

### CONCEPT DEFINITION REPORT

- I. DESIGN ID: **9090-03-30** Related ID(s): **9090-03-60 Constr.**  
HIGHWAY.: **STH 70** Counties: **VILAS AND FOREST**  
Title: **EAGLE RIVER - ALVIN** Length of Project: **12.77 Miles**  
Limits: **USH 45-NATIONAL FOREST ROAD 2176**  
Functional Class: **Minor Arterial** Current ADT: **2200-4600 (1999)**  
Location: **The project is located in eastern Vilas County and western Forest County. Begin at the USH 45 intersection and proceeding easterly 12.77 miles, ending approximately 0.69 miles west of Forest Road 2176, (Divide Road), at the construction joint. RP's; 221 0.00 – 236k 1.39.**

#### ROADWAY CONDITIONS:

PAVEMENT	Type: <b>ACPM/FB</b>	Width: <b>24'</b>	Year: <b>1991</b>
	IRI: <b>1.20 mm/m</b>	PDI: <b>42</b>	
SHOULDERS	Type: <b>Rural = Asph &amp; CABC</b>	Width: <b>10 ' TOTAL Incl 3' ASPH</b>	
		<b>6' TOTAL incl. 3' ASPH</b>	
CRASH DATA	Crash Rate: <b>60Crashes</b> <b>100 MVM<sup>8</sup></b>	Year: <b>2000-02</b>	
IMPROVEMENT FLAGS	From RP:	To RP:	
	From RP:	To RP:	
SUBSTANDARD ALIGN.	Horizontal: <b>None</b>	Vertical: <b>None</b>	

#### STRUCTURE:

	Existing Facility:
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JUSTIFICATION:	<b>The pavement is starting to show extensive cracking.</b>
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- II. PROPOSED IMPROVEMENT: **Description:** The scope of this project is to place a thin overlay (1.75") over the existing pavement. For the first 0.7 miles, it is recommended that the shoulder be paved full width. Replace all traffic signs as determined by Operations. Investigate culverts for replacement. Design must follow the guidelines of Federal Funds for Preventive Maintenance (PM).

Environmental Documentation Type: **Programmatic Environmental Report (2-pER)**

Improvement Type: **ROADWAY MAINTENANCE (RDMTN)**

Leg. Subprogram: **STATE HIGHWAY REHABILITATION, (303)**

WisDOT Program: **STATE 3R**

Cost:

Program Year: **2007**

Local Participation:

Access Control: **No**

Real Estate: **No**

R/E Cost: **None**

National Highway System: **No**

Exempt from FHWA Oversight: **YES<sup>9</sup>**

Railroad Crossing: **NONE**

Project Supervisor: <b>Robin Stafford P.E.</b>	Recommended Acceptance: <b>Joseph C Benbenek</b> DTD -7 PLANNING ENGINEER
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For more information, contact Robin Stafford at (715) 365-5750.

<sup>8</sup> Crash rate computed from METAManger; no deer

<sup>9</sup> See FDM 5-5-15, Table 1



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 8

#### Scope of Service Narratives:

D8 1C use local NOI for this project

**Project ID: 8429-10-00**

#### CONCEPT DEFINITION REPORT

Wisconsin Department of Transportation District 8

DT1627 99

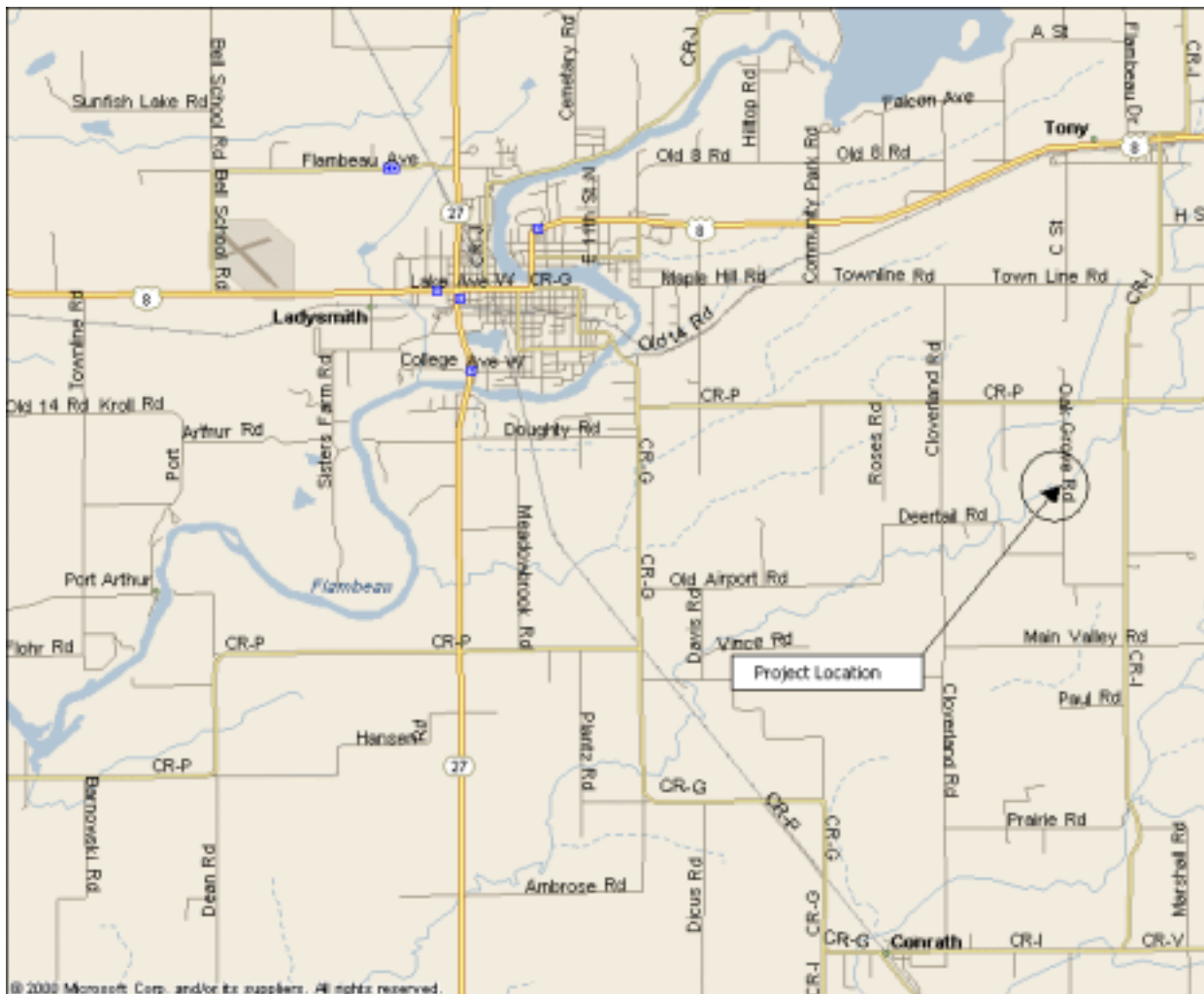
WisDOT Project ID Number <b>8429-10-00</b>		Form Preparation Date <b>March 23, 2004</b>	
Highway or Local Road Name <b>Oak Grove Road</b>	Hwy N <sup>o</sup> /Letter <b>Local</b>	County <b>Rusk</b>	Length <b>46.2 feet</b>
Project Limits/Title <b>Deer Tail Creek Bridge &amp; Appr.</b>		Functional Class <b>Local</b>	Current ADT <b>N/A</b>
Project Description/Location (Sec-Twn-Range) <b>Sec. 8,9 T34N R5W</b>		Is Roadway on the National Highway System (NHS)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>Roadway Condition</b>			
Pavement:	Type	Width	Year
	Pavement Serviceability Index (PSI)	Pavement Distress Index (PSI)	International Roughness Index (IRI)
Shoulder:	Type	Width	Year
Substandard Alignment:	Horizontal <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Vertical <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Accident Rate
<b>Structure Condition</b>			
Bridge:	Number	Type <b>Single span steel low truss</b>	Year Constructed <b>1912</b>
	Existing: <b>P-54-0105</b> Proposed: <b>B-54-110</b>		
	Clear Roadway Width <b>15.7 feet</b>	Sufficiency Rating (SR) <b>23.0</b>	Rate Score (RS) <b>17.5</b>
<b>Justification for Project—Describe Why Project Is Needed</b>			
<b>The existing bridge is structurally deficient and functionally obsolete. The bridge is currently closed to traffic.</b>			
<b>Proposed Improvement—Describe Scope of Work</b>			
<b>Replace the existing structure with new structure on the same alignment.</b>			
<b>THIS PROJECT IS / IS NOT LOCATED IN A FLOOD HAZARD AREA</b>			
Environmental Document Type <b>III pER</b>	Improvement Type <b>Bridge Replacement</b>	Cost	Program Year <b>2006</b>
Local Approving Authority <b>Rusk County</b>	Local Participation <b>20%</b>	Program Approval Date <b>2/16/04</b>	Access Control <b>N/A</b>
<b>Information Below to Be Completed by the WisDOT District Office</b>			
Design ID <b>8429-10-00</b>	Related ID's	PMSID	Program <b>205</b>
Project Supervisor <b>David Ostrowski</b>			
<b>WisDOT District Approvals</b>			
Local Roads/Programming Approval	Date	System Planning Manager Concurrence	Date

For more information, contact Richard Brand (715) 532-2633.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 8 (cont.)



Location of Project ID 8429-10-00



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 8 (cont.)

**D8 2C use local NOI for this project**

**PROJECT ID: 8433-09-00**

#### CONCEPT DEFINITION REPORT

DT1627 99

Wisconsin Department of Transportation District 8

WisDOT Project ID Number <b>8433-09-71</b>		Form Preparation Date <b>March 23, 2004</b>	
Highway or Local Road Name <b>Fern Road</b>	Hwy N <sup>o</sup> /Letter <b>Local</b>	County <b>Rusk</b>	Length <b>22.6 feet</b>
Project Limits/Title <b>Tributary To Little Jump River Bridge and Approaches</b>		Functional Class <b>Local</b>	Current ADT <b>&lt;100</b>
Project Description/Location (Sec-Twn-Range) <b>Sec. 27 T33N R5W</b>		Is Roadway on the National Highway System (NHS)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>Roadway Condition</b>			
Pavement:	Type	Width	Year
	Pavement Serviceability Index (PSI)	Pavement Distress Index (PSI)	International Roughness Index (IRI)
Shoulder:	Type	Width	Year
Substandard Alignment:	Horizontal <input type="checkbox"/> YES <input type="checkbox"/> NO	Vertical <input type="checkbox"/> YES <input type="checkbox"/> NO	Accident Rate
<b>Structure Condition</b>			
Bridge:	Number	Type <b>Single span steel deck girder</b>	Year Constructed <b>1959</b>
	Existing: <b>P-54-0099</b> Proposed: <b>B-54-111</b>		
	Clear Roadway Width <b>22.6</b>	Sufficiency Rating (SR) <b>39.9</b>	Rate Score (RS) <b>61.0</b>
Justification for Project—Describe Why Project Is Needed  <b>The existing bridge is structurally deficient.</b>			
Proposed Improvement—Describe Scope of Work  <b>Replace the existing structure with new structure on the same alignment.</b>			
<b>THIS PROJECT IS NOT LOCATED IN A FLOOD HAZARD AREA</b>			
Environmental Document Type <b>III pER</b>	Improvement Type <b>Bridge Replacement</b>	Cost <b>\$87,260</b>	Program Year <b>2006</b>
Local Approving Authority <b>Rusk County</b>	Local Participation <b>20%</b>	Program Approval Date <b>2/16/04</b>	Access Control <b>N/A</b>
<b>Information Below to Be Completed by the WisDOT District Office</b>			
Design ID <b>8433-09-00</b>	Related ID's	PMSID	Program <b>205</b>
Project Supervisor <b>David Ostrowski</b>			
<b>WisDOT District Approvals</b>			
Local Roads/Programming Approval	Date	System Planning Manager Concurrence	Date

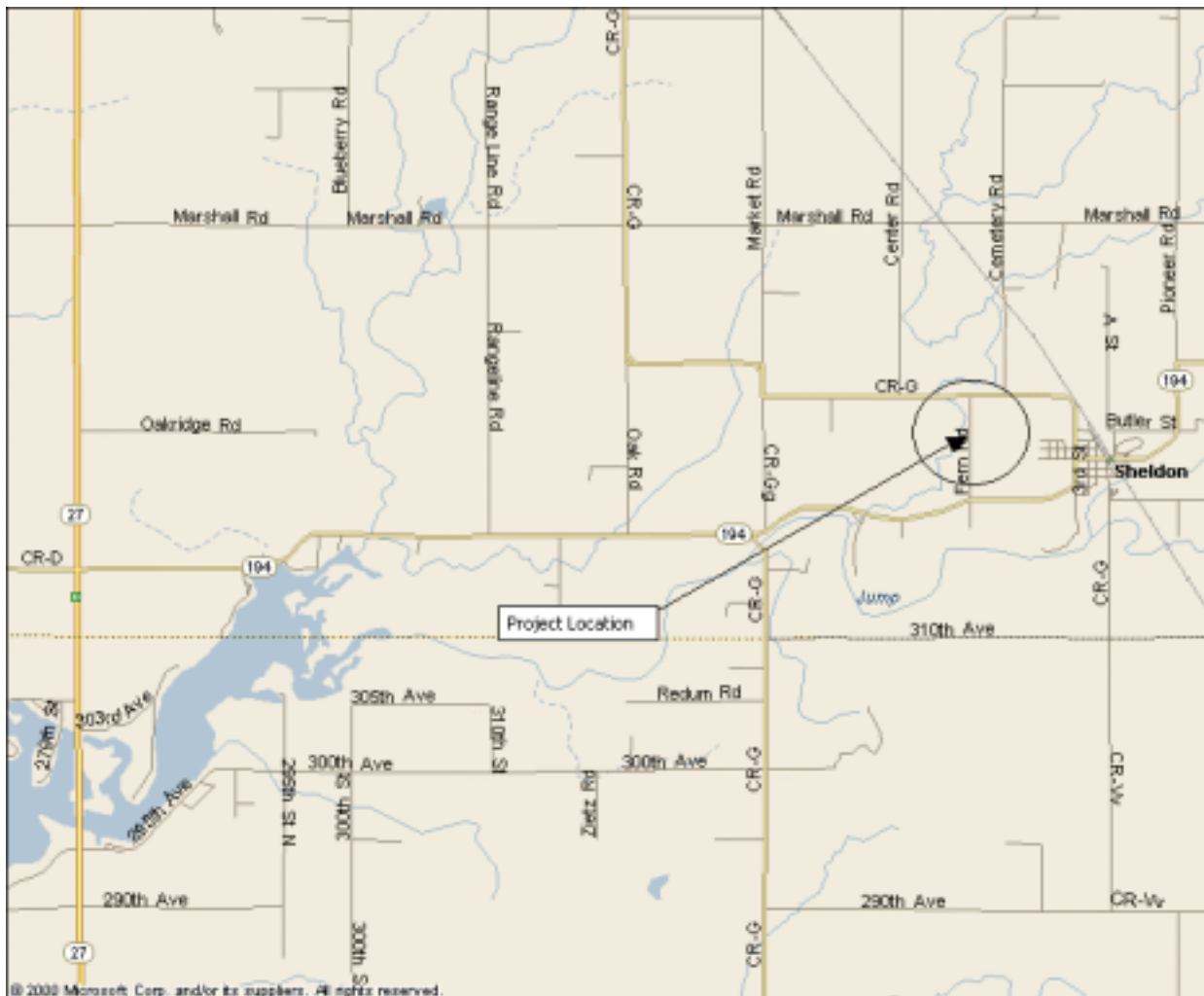
For more information, contact Richard Brand (715) 532-2633.





## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 8 (cont.)



Location of Project ID 8433-09-00



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 8 (cont.)

#### **D8 3C use local NOI for this project**

**PROJECT ID: 8343-03-00**

The Town of Delta (Town) in Bayfield County has been awarded a Federal Earmark to replace one culvert and two bridges on the White River system. The Town has previously contracted for design services on the culvert replacement project. The Town is now soliciting design services for the two bridge replacement projects.

The projects in question are:

East Fork White River Bridge on Scenic Drive, 0.3 mile west of CTH H, in S07 T46N R07W, existing bridge number P-04-0922.

White River Bridge on Pike River Road, 1.0 mile south of CTH H, in S21 T46N R07W, existing bridge number B-04-0020.

The scope of services will include administration, survey, design reports, public involvement, environmental documents, soils investigation, agency and utility coordination, preliminary and final structure and roadway design, and final PS&E.

For more information, contact Myron Anderson, Chairman, Town of Delta, at (715) 372-4787 or Andy Stensland, WI DOT District 8-Superior, at (715) 392-7963.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### DIVISION OF TRANSPORTATION INFRASTRUCTURE DEVELOPMENT BUREAU OF HIGHWAY CONSTRUCTION

#### Scope of Service Narratives:

**BHC 1A** Open to all firms Use the DT1819 NOI prepared for this solicitation

**Project ID: 1009-03-95**

Specialty Master Contract

Two contracts to be awarded

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The department is soliciting for a consultant to provide subsurface exploration drilling and testing services as required by the Geo-technical Section, Bureau of Highway Construction.

This contract will provide for drilling services to obtain data to facilitate design information on pavement recycling/rehabilitation projects in all Transportation Highway Districts.

The work consists of, coring existing pavements to determine thickness and obtain samples, and providing multiple, 5'-10' auger borings along with split spoon samples to determine thickness, quality and texture of existing base, sub-base and sub-grade materials.

The qualified vendor will be required to furnish all services, labor, materials, equipment, supplies and incidentals to conduct and complete the services under this contract. The general requirements being, (2) Drill Crew staff, (2) traffic control workers, all drilling equipment, traffic control devices, sampling and field classification of soils, and completion of all forms required by the Department.

Selection of successful provider will be based on responses provided on Notice of Interest Questionnaire as well as provider's home base in relationship to various project locations.

For more information, contact Tim Stoikes at (608) 246-7943.



## MAY 2004 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### DIVISION OF TRANSPORTATION INVESTMENT MANAGEMENT BUREAU OF PLANNING

#### Scope of Service Narratives:

**BOP 1A** **Open to all firms** **Use the DT1819 NOI prepared for this solicitation**  
**Project ID: 0400-42-11**

This solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

In 2002, the Division of Infrastructure Development and the Division of Transportation Districts accepted, as a set of core courses, training related to bicycle and pedestrian planning and design. WisDOT engineers will be required to take this proposed course as part of their WisDOT engineering training. The emphasis of the course will be on the planning and design of bicycle and pedestrian facilities. This solicitation calls for 2 things in regard to this training: 1) assist in customizing and modifying, with the WisDOT Bicycle and Pedestrian Coordinator, the National Highway Institute courses on bicycle and pedestrian facility design to ensure that they foster safe facility design, are appropriate for Wisconsin, and also reflect other state-of-the-art training topics and approaches currently offered throughout the U.S.; 2) provide an engineer to be the instructor at six 2-day training courses spread throughout the state in district offices. This will occur in late Summer and early Fall of 2004.

Classes can be arranged so that 2 course offerings can be made within one week. WisDOT staff will be responsible for providing staff for the planning portions of these courses while this solicitation is requesting the services of an engineer to teach the engineering aspects of the course. Only one instructing engineer will be required per training session. The two day training is a total of 12 hours, not including breaks.

The selected consulting firm will help finalize the course for WisDOT and provide written comments of suggested changes upon completing the last training session.

WisDOT will make course arrangements and pay for workshop expenses. WisDOT will be responsible for registration and promotion of the courses. The consultant will be responsible for all of their own travel expenses as part of the contract.

WisDOT staff will be the primary target for the courses, but local engineers and planners will be allowed to participate where slots are available. Similarly, consulting engineers will also be permitted where slots are available.

For more information, contact Tom Huber at (608) 267-7757.